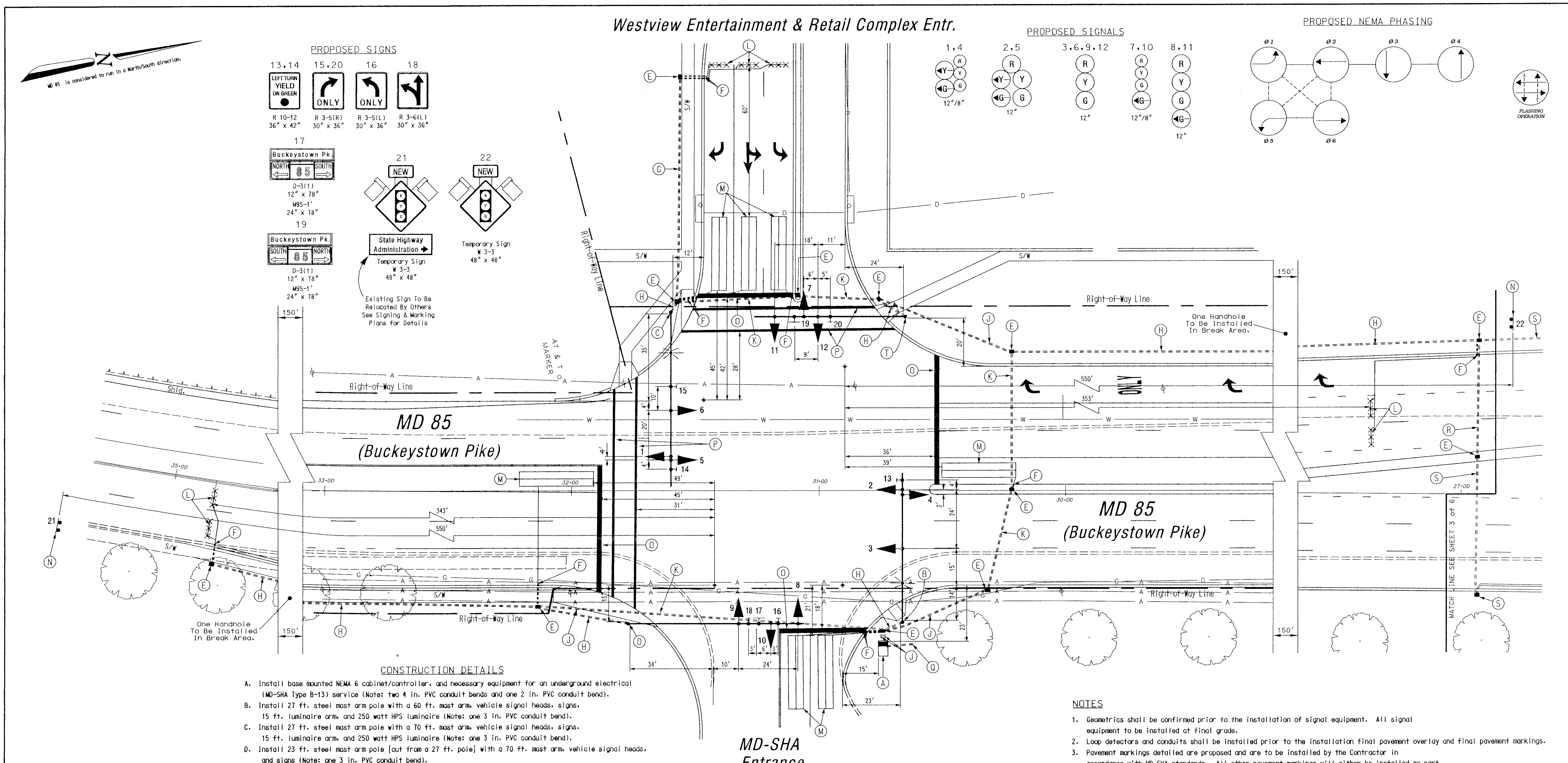

CONSTRUCTION DETAILS

A. Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical (MD-SHA Type B-13) service (Note: two 4 in. PVC conduit bends and one 2 in. PVC conduit bend).
B. Install 27 ft. steel mast arm pole with a 60 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
C. Install 27 ft. steel mast arm pole with a 70 ft. mast arm, vehicle signal heads, signs, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
D. Install 23 ft. steel mast arm pole [cut from a 27 ft. pole] with a 70 ft. mast arm, vehicle signal heads, and signs (Note: one 3 in. PVC conduit bend).
E. Install handhole.
F. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway prior to final pavement overlay.
L. Install mirco-loop probe (set of 3) prior to final pavement overlay.
M. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3 turns) prior to final pavement overlay.
N. Install ground mounted sign as shown.
O. Install 24 in. wide pavement marking - white for stop line.
P. Install 12 in. wide pavement marking - white for crosswalk.
Q. Proposed underground electrical service by Allegheny Power Company.
R. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway prior to final pavement overlay.
S. Installed as part of the MD 85 @ Cresstwood Blvd. traffic signal plan.
T. Install 23 ft. steel mast arm pole [cut from a 27 ft. pole] with a 60 ft. mast arm, vehicle signal heads, and signs. (Note: one 3 in. PVC conduit bend).

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation final pavement overlay and final pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

═ ═ ═	EXISTING GEOMETRICS
═══	PROPOSED GEOMETRICS

UTILITY LEGEND

— G — G —	GAS MAIN
— W — W —	WATER MAIN
— S — S —	SEWER MAIN
— E — E —	ELECTRIC CABLES
— D — D —	STORM DRAIN
— A — A —	AERIAL CABLES
— T — T —	TELEPHONE CABLES

The Traffic Group

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REVISIONS

APPROVALS

9-7-01 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
9/7/01 ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
9/7/01 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
9/17 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

MD 85 at MD-SHA Entr./Westview Complex Entr.

DRAWN BY:	F. Hoeckel	F.A.P. NO.	N/A	TS NO. 4120	SHEET NO.
CHECKED BY:	J. Dirndorfer	S.H.A. NO.	BW996M82		
SCALE:	1" = 20'	COUNTY:	Frederick	T.I.M.S. NO.	
DATE:	June 27, 2001	LOG MILE:	10008508.58	E570	1 OF 7

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